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CENTRAL INTELLIGENCE AGENCY 25X1 REPORT

INFORMATION REPORT

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COUNTRY Germany (Soviet Zone) ~~CONFIDENTIAL~~

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SUBJECT Radio Installations on the Coast East of Warnemuende

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1. On 24 April 1951, a directional aerial was observed on the roof of a settlement house east of Warnemuende. * Several full rotations of the set were observed between 2 and 5 p.m. No shipping or air traffic was observed during the period of observation.

2. An overhead line led from the settlement house to an observation post on the dunes. The observation post was occupied by three Russian marines (Marine Soldaten), one of whom carried field glasses. **

3. Two braced antenna towers, each about 20 meters high, were observed in a fenced-in area west of the observation post. ***

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* Comment. The set is a RUS-2 type radar. A comparison with the height of the gable of the house, arrived at by counting the number of brick layers, indicates that the dipole carrier is 8.1 meters long while the dipoles themselves have a length of 2.1 meters. The radar set thus operates on a wave-length of 4.2 meters, which is also used by Dumbo-type sets. Details discernible on the antenna include motor and drive mechanism at the mast, above that a box with a collector ring from which a line runs to next to the last dipole via a pin insulator.

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** Comment. The radar set is apparently operated by a naval unit or a unit of the Russian Naval Air Arm.

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